

Mini Secure Digital™ Card

1GB



General Description

The A-DATA miniSD Card™ is an audio and video consumer device that meets the security, capacity, performance and environment requirements inherent in perfect solution for data, image and multimedia file format storage. It consists of a good compatible and high performance controller with advanced file management and wear-leverage technology to increase the transfer rate and life cycle of this solution. It also provides Error Correcting Code (ECC) function to detect and correct errors automatically. With In System Programming (ISP) function, it is very easy to load the up-to-date firmware and to solve most of the compatibility issue for new devices.

Features

- Support the interface of the Secure Digital Card Standard.
- Capacity : 128MB, 256MB, 512MB,1GB
- Compatible with all PC Card Services and Socket Services
- Support Error Correcting Code (ECC) function to detect and correct errors.
- Support In System Programming (ISP) function to load the firmware.
- Support Wear Leverage function to maximize data endurance.
- Very high performance at Read Speed more than 6.0MB/s and Write Speed more than 5.0MB/s
- Automatic error correction and retry capabilities
- Supports power down commands and sleep modes
- Non-volatile storage (no battery required)
- +2.7 Volts to +3.6 Volts operation.
- Size : 20×21.5×1.4 mm
- MTBF > 1,000,000 hours
- Durability : Minimum 10,000 insertion/removal cycles
- Low weight
- Noiseless
- Low profile

